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Patent [19]

[11] Patent Number: 2001129364

[45] Date of Patent: May. 15, 2001

[54] PHOTOCATALYST CARRIER AND METHOD FOR DECOMPOSING NOX

[21] Appl. No.: 11317744 JP11317744 JP

[22] Filed: Nov. 09, 1999

[51] Int. Cl.⁷ B01D05386; B01D05394; B01J02106; B01J03502; B01J03504**[57] ABSTRACT**

PROBLEM TO BE SOLVED: To effectively clean air by utilizing anatase type acid TiO₂ having a photocatalytic activity by expanding an exposed surface area of TiO₂ particle of the TiO₂ immobilized material.

SOLUTION: In a method for cleaning air with respect to decomposition of NO_x, air can be effectively cleaned by using a net having the photocatalyst immobilized to expand the exposed surface area of TiO₂.
